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The Home of Golden Rule Dahlias October, 1949

The Twenty-Sixth

DAHLIA BOOK

Issued by Peck's

GOLDEN RULE DAHLIA FARM

Trade Mark Reg. U. S. Pat. Off.

P. O. BOX 87, LEBANON, OHIO

Dayton Pike

Tel. 463 R

1949 DAHLIA NOTES

POT CLUMPS. In 1949 the Golden Rule Dahlia Farm grew over 32,000 hills of Dahlias including 12,000 4 inch pot clumps. The latter were grown outdoors, plunged in soil. This produced many pot clumps so massive that many pots were broken by growth of the roots. These pot roots were from the more vigorous earlier plants.

CUT FLOWERS. Our 2½ acre cut-flower field is low ground, well sheltered on all sides. We planted roots here April 1st. On April 20th we set plants, using hot-caps. Yet they were badly frosted during the Easter cold snap. However the root development had been such that they sprouted again from the base and none were lost.

Cutting in quantity started July 11th and continued daily till September 30, when there was a hard frost. During this season we cut 29,232 large dahlias and 18,452 miniatures. All large cut-flower Dahlias were disbudded two and three nodes. Especial attention is given to insect control in the cut-flower field so as to keep all varieties constantly in bloom. Portable over-head irrigation is used when there is insufficient rain.

Outstanding in our cut-flower field were: Alle-

gresse, Brother Justinius, Begonia Rose, Clara Hook, D-Day, Euphrosyne, Gen. Eisenhower, Kelvin Pink, Lakeside Beauty, Lucretia, Miss Myrtle Beach, Mia Konnerman, Michigan White, Mlle. E. Sawyer, Mrs. Albin, Nagel's Sensation, Noirmoutier, Pamiers, Queen City, Golden City, Robert Wehr, Sally Klein, September, Schone Helena, Susie, Torero, Victory Day.

Outstanding of the small dahlias: Burg Meule Brook, Carolina Lassie, Mlle. Maurice, Andries Bonium, Andries Orange, Aureool, Bo-Bo, Cheerio, Kaskade, L. C. K., Elodie K, Souvenir Mad J. Lanvin, Torch, Mirabilis, Old Gold, Mary Churchill, Rondkop, Rhonda, Helois.

PROPAGATION. During 1949 Golden Rule Dahlia Farm propagated 44,000 Dahlia plants. KILLING FROST. In 1949 bloom was stopped in our cut-flower field September 30th by a hard frost. Our main farm did not get a killer till October 26th, due to higher ground. ROOT HARVEST. Digging was started October 17th and completed November 16th. We had abandoned machine digging in 1948, reverting to the just as fast hand digging with less breakage. Good weather prevailed throughout digging; a good crop was harvested in excellent condition.

OHIO GROWN DAHLIA SEED

100 seeds, mixed large flowered	\$4.00	net
100 seeds, mixed miniature	3.50	net
1000 seeds, mixed large flowered	35.00	net
25 seeds, named parentage,		1100
large flowered	1.50	net
25 seeds, mixed large flowered	1.25	net
25 seeds, mixed miniature	1.00	net
25 seeds, named parentage,		
miniature	1.25	net

GOLDEN RULE DAHLIA STOCK. Consists of roots, pot clumps, plants and rooted cuttings.

A ROOT will be a division from a dahlia field clump, guaranteed true to name with one or more eyes.

A POT CLUMP will be the entire dahlia clump formed inside of a 4" pot. These plants were grown outside and harvested along with the field clumps. Guaranteed one or more eyes and true to name. Pot clumps are the same price as roots.

A PLANT has been grown from a dahlia rooted cutting into a large husky plant that is ready for immediate planting upon arrival. Plants will grow and bloom as quickly as roots. Also will form nice clumps when properly grown. Plants are considerably cheaper than roots. A large percentage of our customers prefer plants to roots. They are guaranteed healthy and true to name.

A DAHLIA ROOTED CUTTING is a sprout (taken from clumps on the greenhouse bench) that has been placed in moist sand until a well established root system has developed. As a rule rooted cuttings should be potted and protected from extreme sun or cold before they are set out. Rooted cuttings are one-third less in price than Plants. With varieties priced \$.50 or less, not less than two rooted cuttings will be sold. We do not recommend them unless you are experienced and equipped to handle them. They are guaranteed to be true to name and healthy.

Quantity Discount on Dahlia Roots, Pot-Roots, Plants and Rooted Cuttings 3 or more of one variety, less 15%

HOW TO ORDER

It is very important to order early. This will help us in reserving the stock for you. If we are out of certain varieties we will write you, unless you have advised us that substitutions will be permitted. On late orders please give SECOND CHOICE.

SEND CASH WITH ORDER.

Make checks or money orders payable to Golden Rule Dahlia Farm. Send cash by registered mail.



GOLDEN RULE INTRODUCTIONS FOR 1950

BUCKEYE PINK. ID. or SC. 11x6 in. Magenta rose shaded maize yellow. An early and continuous bloomer. The strong growing bushes are 5-6 ft. with excellent habits of growth. Stems are very long with 45 degree bloom. Good substance.

Root \$10.00 Net—Plant \$5.00 Net

MOTHER O'MINE. (Knight) ID. 10x5 in. Pure white. Midseason bloomer. Sturdy bushes 4 ft. Good stem and facing flower. Excellent substance. Won a certificate at Storr's in 1945. Due to a hurricane the stock was nearly all lost the following year.

Root \$10.00 Net—Plant \$5.00 Net

PINK BOUNTY. ID. 8-10x5 in. Light Roselyn purple overlaying gold. A very striking color. Flowers facing on good stems. They open rapidly and when cut young they have developed and grown in the vase. Bush 4-5 ft., symetrical free branching and profuse over a long season. A rugged grower.

Root \$10.00 Net—Plant \$5.00 Net

1950 INTRODUCTIONS OF OTHER GROWERS

ADA N. SC. 11x7½. Pale rosaline purple, lined liseran purple. Long strong stems. Will be grown for exhibition. (H. H. Robens).

Plants **\$7.50** net

AUTUMN DELIGHT. ID. 11x7 in. Blend of of straw yellow and rose red. Excellent substance. Bloom on side. Bush 5 ft. with wide heavy foliage. (H. H. Robens).

Plant **\$5.00** net

- **BARWAL QUEEN.** ID. Pure white. A low sturdy bush with heavy wide leaves. Size 12x6. Stems 10 in. or more. Blooms held to side. (Barwal). Plant **\$7.50** net
- **B AND B.** (Rocky River) FD. $12x7\frac{1}{2}$ in. Lavender. Shows petals made up of alternate fine lines of white and petunia purple. Sturdy bush of medium height.

Plants \$5.00 net

- **BLONDIE.** Str. C. Light primrose yellow. A very profuse bloomer all season and an excellent florists flower. Size 4-5½ in. Bush 4½ ft. (Garfield Heights). Plant **\$2.50** net
- CALIFORNIA CENTENNIAL. (Ballay) ID. to SC. 11x6. Autumn Shade, a blend of straw yellow and buff with strawberry red blush. Profuse bloomer. Fine foliage.

Plant **\$7.50** net

CAMPUS QUEEN. ID. 6x4 in. Bush 5 ft. Long wiry stems. Turkey red with strong white tips. Rates high for form color and distinctiveness. (Garfield Heights).

Plant **\$2.50** net

- **DORA M.** ID. Beautiful deep rose pink. 6-7 in. Extremely long stems. Very floriferous. (Greubel). Plant **\$2.50** net
- petals. An unusual formation. Peony purple with lighter reverse. Size 7½x4. (Rocky River.)

Abbreviations—FD, Formal Decorative; ID, Informal Decorative; SC, Semi-Cactus; Str. C.; Straight Cactus; Inc. C., Incurved Cactus; Rev., Reverse; Min., Miniature; Tpd., Tipped; Lt., Light. Cut-Flower Dahlias.

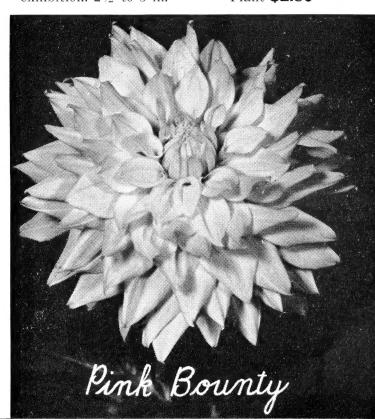
IRENE RICH. SC. Rose bengal blended apricot, with cadmium orange. An artistic and beautiful dahlia with general effect of bright rose red. Bloom 12x7 in. Bush 5 ft.

Plant \$7.50 net JINI MARIE. Str. to Inc. C. Tyrian pink to camellia rose blended light yellow. 6x4 in. Bush 6 ft. Very unusual and beautiful and a profuse bloomer. (Bruce Collins).

Plant \$2.50 net MADONNA. ID. (Ruschmohr) 11½x7 in. Almost pure white. Comes semi-cactus sometimes. Bush 6 ft. Good for exhibition.

Plant \$7.50 net ROCKLEY DAZZLER. (Taylor) SC. $5x2\frac{1}{2}$ in. A brilliant scarlet cut flower. Bloom facing up and on top. This variety is a profuse bloomer. Flowers are of uniformly good form and have great substance. Plant \$1.50 net

and have great substance. Plant \$1.50 net **RED SHADOW.** (Dahliadel) Min. FD. Cherry red evenly tpd. white. This well formed and very attractive little flower has won many prizes in the east and is recommended for exhibition. 2½ to 3 in. Plant \$2.50



REES' SUNSHINE. C. Yellow. Quilled. Different. Plant \$3.50 net

REES' SPLENDOR. SC. Red reverse lavender. Tall. Plant **\$3.50** net

ROSE OF SHARON. C. Pink shaded yellow at centre. Plant \$5.00 net

ROSE RED. (Dixie) FD. 8x6 in. Turkey red overlaid scarlet. The pointed petals have pinpoints of chrome. Back petals are slightly reverse. Plant **\$5.00** net

STARAZE. SC. to ID. Light primrose yellow.

9x6 in. A profuse bloomer on very long stems. Plant **\$5.00** net

STARDUST. (Comstock) ID. 8x5 in. A shiny glistening pink. Shows white lines lengthwise of petals and intermingled with lavender rose. It is a light blend but because of the lines is a real novelty. Plant **\$5.00** net

WHITE FANTASY. (Rocky River) FD. 9½x5½. Almost pure white. White petals fold around to back of stem. Good substance and good stem. Blooms profusely.

Plant \$3.50 net

DAHLIAS NEWLY IMPORTED

MON TRESOR. SC-Str. C. 6-8 in. Sulphur yellow. A fine vigorous Dahlia from Czechoslovakia. It will produce a wealth of fine formed cut-flowers. Bush 4 ft. Plant \$1.50

PYGMALION. SC. 6-8 in. Golden buff. A fine vigorous Dahlia from Australia. Stem is very long and strong. Bush $5\frac{1}{2}$ ft. Plant \$1.50

SPECKLEAR. Str. C. 5-7 in. A dainty shrimp pink blended lightly with white more toward the base. This is one of the best out of Europe. An early and very profuse throughout the season. Even so the flowers are of uniformly perfect form.

Plant \$1.50

WHITE SUPERIOR. SC. to Inc. C. Pure white. 6-7 in. Slightly incurved. It has an extra long stem and keeps long as a cut-flower. Plant \$1.50

ARISTOCRAT. SC. 6-8 in. Cardinal red. Free flowering on long wiry stems well above the foliage. Plant \$2.00

SUNKIST. SC. 7-8 in. A beautiful orange red. Profuse flowering on long stems. Great depth. Plant \$1.50

CORONATION DAY. ID. 10-11 in. A soft gold with an apricot sheen. Free flowering. Plant \$2.00

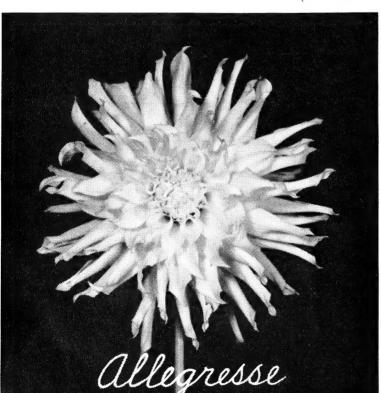
GOLD DIGGER. SC. Golden yellow. 6x4 in. Very profuse on fine long stems. An exceptional keeper. Plant \$1.50

MYSTERIE. SC. 6x4 in. A beautiful reddish purple. Excellent stems and a fine cut flower. Plant \$1.50

Recent Dahlia Introductions and Older Standards

DAHLIAS 6 IN. OR MORE IN DIAMETER

("F." indicates foreign origin)



ABBOTT. F. Str. C. 6-8 in. bush 3 ft. Maroon red. An unusual color in a cactus. It is early and profuse; of fine form till the last.

Root \$2.00; Plant \$.75

ALLEGRESSE. F. Str. C. 8-10 in. Canary yellow and the best yellow cactus to date. Bush 5 ft., with vigorous growth and producing the longest natural stem we know. The flower keeps a long time after cutting. Try not disbudding this one.

Root \$1.50; Plant \$.75

AMI ROUSSET. F. FD. 6-8 in. Bush 5 ft. Purple red. Early and free. We have lacked enough red cut-flower Dahlias and will use this variety next season.

Root \$2.00; Plant \$1.00

ARDENS. F. Str. C. 6-8 in. Scarlet red. Bush 5½ ft. A vigorous grower, early and free. We used this as a red cut-flower and will again do so. Root \$1.50; Plant \$.75

ATOMIC YELLOW. SC. 10-12x6 in. Lemon Yellow. Some of the finest and largest flowers we had were of this variety. It is excellent in all ways. Bush 5 ft.

Root \$2.50; Plant \$1.25

The Queen City Family

QUEEN CITY. FD. 6-7x5 in. Scarlet pink. Perfect long stems. Dwarf bushes throwing upright branches from near the ground. Almost ball shaped flowers. The color is unique. Root \$.75; Plant \$.50

GOLDEN CITY. Golden yellow, penciled and striped scarlet pink. Root \$.75; Plant \$.50

ROYAL CITY. Royal purple. Plant **\$.50**

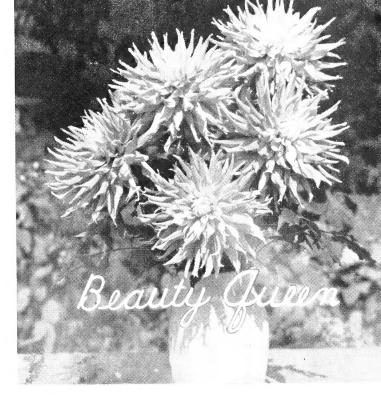
YELLOW PROLIFIC. Canary yellow. Root \$1.00; Plant \$.50

The above four dahlias are all Sports of Queen City. Bush, type and quality of bloom are the same. 1 root of each, except Royal City, all three for \$2.30; 1 plant of each for

MASSIVE, FOUR INCH DAHLIA POT CLUMPS

We have these large pot clumps in nearly all varieties listed. Price is the same as for roots. Many may be divided. Order early while they last. These pot clumps were grown from the earlier, more vigorous plants.

ALCAZAR. ID. 10-11 in. A fine dark red, showing a light reverse. Blooms early and late on 3 ft. bushes and branches freely from low down. One of the best big reds.
Root \$.75; Plant \$.50



ALDERMAN REID. F. Str. C. 10 in. Deep canary yellow. A dahlia of excellent form, one of the best large cactus. Bush 3 ft., vigorous and branching. Flowers facing. Root \$.75

ALICE MAY. ID. to SC. 8-10 in. Pure white. For many years this white has been producing nice flowers for us. An early and steady

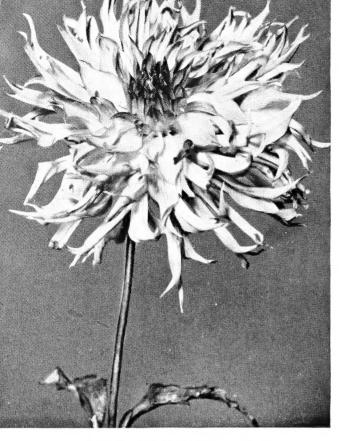
bloomer. Bush 5 ft. Root \$.50 AUTUMN BLAZE. ID. 12x6 in. Deep crimson and gold of the brightest fall hues. Dwarf bushes with huge flowers both facing and Root \$1.50; Plant \$.75



One root each of: Andries Orange Yellow Kitten White Faun Ike-Red Fairy—pink Bobo—gold and red Six different miniatures labeled for **\$2.40** postpaid



BEGONIA ROSE



BISHOP CLARE PURCELL

- **AXFORD TRIUMPH.** ID. 12x6 in. A big bronzy orange flower with good substance facing on fine stems. Root **\$.75**; Plant **\$.50**
- **ANN TOOKER.** ID. 12x7 in. Pure white, with long wavy petals. Vigorous 5 foot bushes. For exhibition. Root **\$1.00**
- ANNA BENEDICT. FD. 7-8 in. Blackish red. An old variety, but still stands out in any garden. 5½ ft. bushes, flowers facing. Produces plenty of bloom all season. Plant \$.50
- BARBARA LEE. SC. 10-12x7-8 in. Bush 4 ft. Lavender pink and cream. Midseason. One of the largest pinks and outstanding in all ways. Very free. Stems are long with flowers at 45°. Root \$3.00; Plant \$1.50
- Orange with red tints. Lacinated petals. Long stems. Foliage quite dark with golden tints.

 Root \$2.00; Plant \$1.00
- on good stems. Bush 3½ ft. One of the biggest. Root \$2.50; Plant \$1.25
- excellent. We like this dahlia more and more. Root \$1.50; Plant \$.75
- stem. Very vigorous openly growing 5½ ft. bushes. Salmon shaded old rose, golden tips. The best we grow from Australia.
- Root \$3.00; Plant \$1.50 BILL'S SPLENDOR. ID. 10 in. Deep rose pink. Another fine Dahlia from Australia. Bushes 4 ft. and produce a tremendous crop of fine bloom. Root \$1.50; Plant \$.75
- BLACK MONARCH. ID. 10x5 in. Blackish maroon and largest in its color. Bush 4 ft. Midseason. Flowers facing on excellent stems. Root \$2.00; Plant \$.75
- BEAUTY QUEEN. SC-Str. C. 10x7 in. (1949).
 Beautiful soft pink. 4 ft. bushes. Bloom is quite symmetrical and has good substance.
 Plant \$3.00

- ender tinted red. Very unusual color. Bush 3 ft. and extremely productive. Plant \$2.00
- BEGONIA ROSE. FD. 6 in. deep pink. This dahlia hardly needs description in the Ohio Valley. Much sought after by florists within our radius. The long stemmed crown flowers in late June and early July bring the highest price. Blooms profusely all season.

Root \$1.00; Plant \$.50

petals. Light creamy centre. Fine stems. 4 ft. bushes with good habit of growth.

Root **\$1.00**

- ange and scarlet. A beautiful shade. Strong 3 ft. bushes. One of the best Australians. Plant \$1.50
- bluish lavender. Long stems. 5½ ft. bushes. Vigorous. Root \$.75
- **BLUE ROSE.** FD. 7-8 in. Soft lavender on fine long stems. Blooms freely from midseason on. Bush 3 ft., freely branching. Plant **\$.50**
- **BUCKEYE KING.** FD. 8-9 in. Clear golden yellow. This fine old variety is a credit to any garden. Bush 4 ft. with fine laterals. Plant **\$.50**
- Pure white. Vigorous 4 ft. bushes. Large flowers freely produced on long stems.

 Root \$4.00; Plant \$2.00
- ender. Bushes 3 ft. Midseason. A very beautiful big flower. Plant \$2.00
- BROTHER JUSTINIUS. F. SC. 6-7 in. Light salmon, gold center. Very early and extremely prolific. A good cut flower. 3 ft. bushes, vigorous and freely branching from near the ground. Flowers facing on best of stems. One of the best out of Europe.

Root **\$2.00**; Plant **\$.75**ID 12x5 in A big bronzy

buff on cane like stems. The flower has good substance and is fine for exhibition.

Plant **\$.60**

CALIFORNIA PAGEANT. ID. 11 in. A fine large golden yellow with a faint blush of purple. It is early and free flowering with bloom held on good stems. Bush 4 ft.

Root \$1.50; Plant \$.75

- **CHEER.** ID. 6-7x4 in. Golden yellow striped scarlet. Bush 4-5 ft. Nice stems. One of the brightest dahlias. Root **\$1.50**; Plant **\$.75**
- **CAROL FRANCIS.** Str. C. Lavender pink. 8-10 in. Bush 4 ft. Flowers held facing on the best of stems and produced freely over a long season. Without special attention in 1949 the long heat wave had little effect on this most excellent variety.

Root \$1.25; Plant \$.60

- CARLISLE'S PINWHEEL. Inc. C. 11x5 in. (1949). Salmon overlying bright gold. Bush 3 ft., rapidly branching from near base. This variety produced more big cactus flowers than any other. Root \$5.00; Plant \$2.00
- CHEROKEE ROSE. FD. 6-8 in. Lilac pink. A very consistent producer of very fine flowers. Bush 5½ ft., vigorous and branching. Root \$.75

CENTURIO. F. ID. 8-10 in. A shining old gold with a fine long stem, perfect pose of flower. Fine for cutting. Root **\$2.00**; Plant **\$1.00**

CINDERELLA. Str. C. 6-8 in. Geranium pink. This is one of the most beautiful and perfectly formed flowers we have seen in a cactus.

Root \$1.00

CALIFORNIA IDOL. ID. 10x6 in. Giant clear lemon yellow, a winner in its class. Flowers have great depth, and are set on excellent stems. Bush 4 ft. Root **\$1.25**; Plant **\$.60**

CAROLINE KERNOCHAN. ID. 7-8 in. The color of pink and gold. The color combination is different and new. Bush 3 ft. Flowers freely produced on excellent stems. This is a beautifully attractive flower.

Root \$1.00; Plant \$.50

cherokee brave. ID. 11x5 in. A big deep red with light reverse. Always produces well. Bush 4 ft., strong in growth. Flower held facing on excellent stems. One of the most popular dark red. Root \$1.00; Plant \$.50

CLARA HOOK. Str. C. 8-10 in. Yellow tinted apricot. Slightly incurved. Bush 5 ft. Long strong stems. A wealth of fine flowers are produced from early till late. Glistening dark foliage.

Root \$1.25; Plant \$.60

CLARIAM KELTON. ID. 8-10 in. Bush 3½ ft. An unusual combination of red and gold with wavy petals. Stem and pose of flower are excellent. From midseason on this dahlia produces many fine large flowers.

Root \$1.00; Plant \$.50

COMMANDO. FD. 12 in. Deep lavender. Bush 3 ft. Flowers facing on good stems. This variety is a great favorite and is the nearest to a blue dahlia we have seen. It is a sturdy grower with dark foliage. Plant **\$.50**

COL. LITTLE. ID. 10x6 in. Bright orange. This dahlia is outstanding. An unfailing producer of the fine big deep flowers. Bush 3 ft. Flower held on very good stems, shows serrated and curled petals. Plant \$.75

COMETEER. Str. C. 5-6 in. Gold. Bush 3 ft. Early and profuse. This was originated by us back in the days when there were relatively few cactus dahlias. It still is a favorite, along with many new foreign cactus varieties.

Root **\$.75**; Plant **\$.40**

CONFUCIUS. SC-ID. 9-11 in. Soft brick red. This is a very early bloomer. Bush is 3 ft. and flowers are produced on fine stems. An all round good dahlia. Very reliable. Outstanding for profusion of bloom. Root **\$.60**

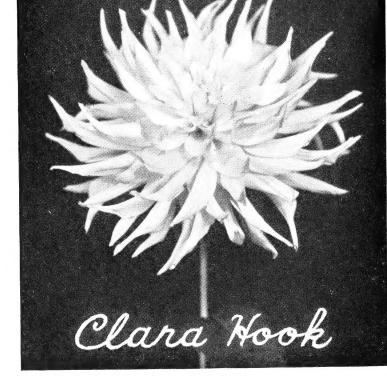
yellow. A fine big cactus that always has produced well. Bush 3 ft. This is a credit to any garden. Root \$2.00; Plant \$.75

COLBERT. F. SC-Str. C. 7-8 in. Royal purple. The popular Jean Trimbee color with cut flower quality. Bush 4 ft. Free branching bushes. A new French Dahlia. Plant **\$.75**

coral cactus. Str. C. 6-8 in. A beautiful shade of coral pink shading yellow at centre. Early and free blooming with nice long stems. Bush 3 ft., free branching. Plant \$.75

DORIS BRAND. F. FD. 12x6 in. Bright mahogany red tinted orange. A beautiful and original shade. Bush 3 ft. Plant **\$1.50**

D-DAY. FD. 6x4 in. Light rose pink. This is an outstanding long stemmed cut flower variety. Blooms before end of July from May planting. Bush 5½ ft. Vigorous and free branching bushes. Root **\$.50**; Plant **\$.40**



DAHLIAMUM. ID. 10x7 in. Deep golden orange. This is one of the best Dahlias ever grown. The big blooms appear in midseason and almost cover the foliage. Bush 4½ ft. Flowers facing and on top. Flower has long twisting petals that recede to stem giving great depth. Root \$1.00; Plant \$.50

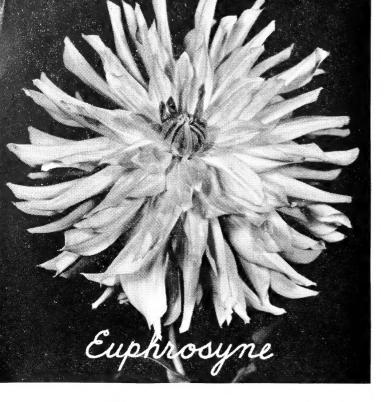
DEEP VELVET. FD. 9-10 in. A black red Dahlia with good growing habits. Vigorous and well branched bushes about 4 ft. producing plenty of well formed flowers.

Root \$1.50; Plant \$.75

DR. TAYLOR. FD. 10x6 in. Scarlet red. Makes a good cut-flower in spite of size. Bloom on good stems, is almost ball shaped. Bush 4 ft., well branched and a rugged grower. Root \$1.25; Plant \$.60

EDGAR GUEST. SC. 10 in. Canary yellow. A finely formed flower of good substance. Early and free blooming. Flowers on excellent stems and have very good keeping qualities. Plant \$.60





EDNA D. SC. 12x7 in. Cherry red. One of the very best of the 1949 introductions. We had bushes with 4 and 5 eleven and twelve inch flowers at one time. Flowers on very good stems. Very vigorous and fast growing bushes, 5 ft.

Root \$6.00; Plant \$3.00

EUPHROSYNE. F. Str. C. 8-9 in. True lavender. Bushes 5½ ft., vigorous and well branched, flowers facing on excellent stems. This fine lavender, with Allegresse, made a striking and long keeping arrangement in our Cincinnati exhibit.

Root \$3.00; Plant \$1.00 **EVENTIDE.** ID. 10x6 in. A very dark purple. It always produces a lot of fine flowers on good stems. Bush is $3\frac{1}{2}$ ft., branching and

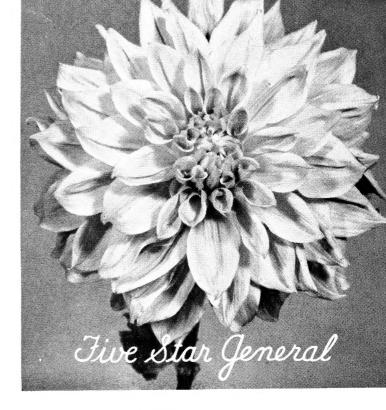
good stems. Bush is $3\frac{1}{2}$ ft., branching and vigorous. Flowers resemble large greenhouse mums.

Plant \$.50

FERNIE'S TRIUMPH. F. Str. C. 10x6 in.
The brightest of all scarlets. Flowers are of fine form and freely produced in midseason.
Bush is 4 ft., well branched and holds blooms facing with some on top. Highly recommended.

Root \$1.50; Plant \$.75





golden pink color. This variety produces every season more fine large flowers than almost any other, and has been known for several years as the best big flowered Dahlia. Bloom facing on good stems. Bush is 5 ft. and vigorously free branching. Flowers early. Midseason and late. Root \$2.00; Plant \$.75

FREDA GAYLORD. ID. 12x5 in. A giant rosy pink, lightly shaded gold, much admired and fine for exhibition. It is a good producer from midseason on. Bush is 4 ft. Big flowers on fine stems. With this variety in your garden this could produce your largest bloom.

Root \$2.50; Plant \$1.25

GENERAL EISENHOWER. F. Inc. C. 8-10 in. A shade deeper than blood red. Early and free, it is the best producer of the red cactus. Stems extra long and good. Bush 3½ ft., and very free branching from near the ground. Root \$3.00; Plant \$1.50

GENERAL PERSHING. SC. 10 in. A fine big bronze on excellent long stems. This fine variety always produces outstanding bloom. Bush 5 ft. An open grower.

Root \$1.00; Plant \$.50

GINGER ROGERS. ID. 12x6 in. Canary yellow. This dahlia made a great hit with all visitors to our fields, because it always showed fine big flowers throughout the season. Bush 3 ft., free branching and good stems.

Plant \$1.00

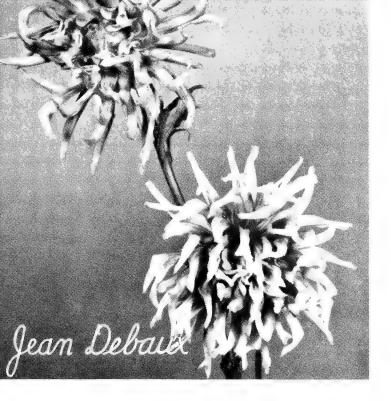
GLAMOUR. ID. 12x8 in. The largest purple dahlia overlaid and edged silver. One of the most popular of the big dahlias. Bush 4 ft., branching and vigorous. Bloom facing—few on top.

Root **\$.75**; Plant **\$.50**

glorious victory. F. SC. 6-7 in. Rose pink. Bush 5 ft. This cactus has most excellent long stems and blooms profusely from midseason on. Root \$1.00; Plant \$.50

GREAT LAKES. FD. 11 in. Pure white. One of the best of all whites. An easy to grow variety and an early and free blooming variety. Bush 3 ft., free branching from down low. Big bloom on excellent stems.

Root \$2.00; Plant \$1.00



GLORIA WAALDWIJK. F. FD. 7-8 in. Bright scarlet. This is outstanding among scarlet dahlias. Bushes are vigorous and the blooms are held on fine stems. Plants **\$2.00**

GOLDEN LEADER. F. FD. 6-7 in. Clear golden yellow. Almost ball shaped flowers are on good stems and are excellent keepers when cut. Bush 3 ft., free branching.

Root \$.75

GOLDEN TREASURE. FD. 6-8x4 in. Clear golden yellow. (1949). Early and free flowering. Bush 4 ft. All flowers are on fine stems. A formal gold cut-flower.

Root \$4.00; Plant \$2.00

GOURMALON. F. SC. 10-12 in. A light reddish purple with a lighter reverse. The finely formed big flowers are produced in midseason on big broad 5-6 ft. bushes. Flowers held facing on long stems.

Root \$2.00; Plant \$1.00

GAYLORD BALLAY. ID. 12 in. Pure white. The biggest and longest stemmed white. Bush 4 ft. Has great class and beauty.

Root \$1.25; Plant \$.60

GRAND CHAMPION. SC. 10 in. Bright orange. A midseason bloomer with profuse bloom on 3 ft. bushes. One of the brightest of colors.

Root \$.60

GEORGES DURIVEAULT. F. Str. C. 7-9 in. Pure old gold. 3 ft. bushes. Very free blooming and early. Flowers on top and facing.

Root \$.75

HILDA FIORETTI. SC. 6-7 in. Soft rose pink. Bush 5 ft. It is outstanding in vigor. This is a long stemmed bloom of great beauty. Midseason. Root \$.50

HILLSIDE GOLD. Str. C. 6-7 in. Golden yellow. Bush 2½ ft. This dwarf variety will always produce a mass of bloom early, midseason and late. Especially good for landscape planting.

Root \$.50

HILLSIDE BEAUTY. Inc. C. 6-7 in. Bronzepink, of fine form and great beauty, this cactus is used for a cut-flower and the 5 ft. bushes will bloom early and late.

Root \$1.50; Plant \$.75

HONOR GUEST. F. SC. to Str. C. 5-7 in.
Golden amber. Good long stems show a flower of good substance. Plant \$.75



ILLUSIE. F. Inc. C. 6 in. A buff rose of extreme incurved characteristics. Has a fine stem and good keeping qualities when cut. Bush is 3 ft. with flower facing and some on top. One of the most beautiful of the imported.

Plant \$.75

INDIAN GIANT. ID. 12x4 in. True bronze. Bush 2½ ft. This big flowered variety is an early bloomer and produces many flowers in a season.

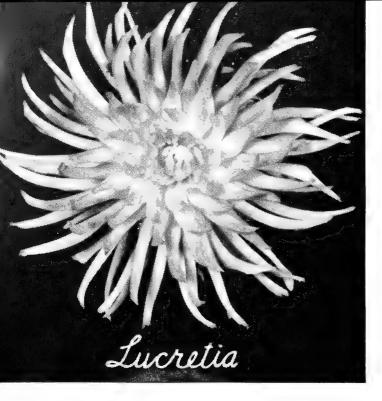
Root \$1.00; Plant \$.50

INSPECTOR PLASCHE. F. ID. 7 in. Carmine tpd. white. Bush 3 ft. This is one of the best bi-colors, always has shown good bloom on excellent stems. Plant **\$1.00**

IMPOSANT. F. ID. 8-10 in. The brightest shining orange. The big, vigorous bushes, $5\frac{1}{2}$ ft. in height, will bloom early and will be so bright in color as to stand out in any garden. The large bloom has pointed petals and are of good substance.

Root \$1.50; Plant \$.75





ILLUSION. F. Str. C. 6 in. Lavender pink. A fine midseason flower on the best of long stems. Vigorous 4 ft. bushes. Root **\$.60**

JANE COWL. ID. 10 in. Golden yellow. One of the most reliable of dahlias for many years. Root \$.50

JANE LAUSCHE. SC. 10 in. Mauve tipped white, which is a very unusual and beautiful coloring. Bush 3 ft. An early and free bloomer. Will win in the bicolor class.

Root \$1.50; Plant \$.75

JEAN TRIMBEE. SC. 7-8 in. Royal purple. A very beautiful flower and one of the most profuse bloomers. Bushes are $4\frac{1}{2}$ ft. tall and most flowers are facing, some on top. This has long been a favorite.

Root \$.75; Plant \$.50

JACK FRANCIS. ID. 12x6 in. Canary yellow. One of the biggest yellows, on perfect long stems. Bush 4 ft. and vigorous. We saw this winning at the show in Cincinnati.

Plant \$1.00



JERMAR'S CERISE. FD. 11x6 in. Deep lavender cerise. A good producer of fine bloom. Perfect pose of flowers on excellent stems. An early dahlia. Root \$2.00; Plant \$.75

JOHN ADAMS KERNOCHAN. FD. 7x4 in. Garnet red, white tips. Extra good substance. Bush 5 ft., free branching and vigorous. An excellent clump maker. Blooms are nearly ball-shaped.

Root \$.75; Plant \$.50

JEAN DEBAUX. F. Inc. C. 6 in. Maroon red tpd. white and all combinations of these colors up to almost pure white. The vigorous bushes are about 4 ft., broad and branching. A vigorous dahlia that is a pleasure to grow. Root \$1.00; Plant \$.50

JUDY ANDERSON. SC. 6-7 in. Maroon tpd. White. The vigorous 5½ ft. bushes are very consistent in producing many good stemmed bloom. Midseason. Root \$.50

JERSEY'S DAINTY. Str. C. 6-7 in. White. Still a good white cactus, winner at shows. Bush 4 ft. Early and free.

Root **\$.60**; Plant **\$.40**

KELVIN. F. FD. 12x6 in. Cinnamon pink. This is a giant out of Australia, held facing up on strong stems. Bush is 3 ft. with exceptionally broad foliage. Responds to extra culture and fertilization.

Root \$2.00; Plant \$.75

KELVIN PINK. F. Str. C. 6-8 in. Soft lavender pink. Bush $3\frac{1}{2}$ ft., open in growth. Flowers on long slender stems. An early and continuously free bloomer.

Root \$2.00; Plant \$1.00

KELVIN SUNRISE. F. SC. Gold tpd. garnet. An unusual striking color combination. Bush 4 ft. Excellent stems. Needs disbudding well down the branches. Root **\$1.00**; Plant **\$.50**

KENTUCKY SPORTSMAN. ID. 8 in. Orange tpd. white. This is a greatly admired color. A very popular Dahlia. Plant **\$.75**

kentucky sun. FD. 8-10 in. Canary yellow. Bush 3 ft., flowers are very freely produced over a long season. A most reliable yellow. Root \$.75; Plant \$.40

KIRSTEN FLAGSTAD. ID. 10x5 in. Chrome yellow, shadded rose on reverse. A big flower on an extra long stem. Bushes 5 ft., vigorous, early and very free flowering. Plant **\$.75**

KING DAVID. FD. 8-10x5 in. A fine purple that blooms early, midseason and late. 3 ft. bushes hold flowers of good substance which do not fade. Root **\$.60**

KING SIZE. SC. 10x5 in. Scarlet red. Bush 4 ft., with flower on long stems. An early bloomer. Erect and open in growth. Very similar to Son of Satan. 1949 Plant \$2.00

KING KONG. ID. 10x5 in. Purple overlaid silver. A very free and reliable flowering dahlia, with attractive flowers on best of stems. Bush 4 ft., vigorous and free branching with rugged foliage.

Root \$1.50; Plant \$.75

KONINGSROOM. F. FD. 7-9 in. Bright maroon red. Vigorous 4 ft. bushes are constantly in bloom over long season. Stems and pose of flower are perfect.

Root \$2.00; Plant \$1.00

LAKESIDE BEAUTY. FD. 6x4 in. Soft rose pink with creamy center on long stems. Flowers develope rapidly. A most excellent florists flower and in 1949 was in great demand. Bushes 5-6 ft., upright and vigorous. Very free branching.

Root \$1.50; Plant \$.75

white. This is the best and most popular of the bi-colors. 2-3 ft. bushes bloom early and well throughout the season.

Root \$1.00; Plant \$.50

LUCKY. Str. C. 6 in. Orange scarlet. An early and profuse bloomer on good stems with flowers of good substance. Root **\$.75**

LUDINGSHAUSEN. F. SC. 8-9 in. Lavender pink of a uniform light shade. Very attractive. Bloom is well held on fine stems and has good substance. Bush 3 ft., branching and profuse with flowers.

Root \$2.00; Plant \$1.00

LUCRETIA. F. Inc. C. 8-10 in. Golden Apricot. We found this cactus to be a good cut-flower. Disbudded, it produces many long canes from low down. Bloom is held facing, some on top, on most excellent stems. Bush 3 ft., as broad as high. Root \$2.00; Plant \$1.00

LOVELY JEWELL. F. Str. C. 6 in. A delicate blush pink. 3 ft. bushes. This is a beauty. Plant **\$.75**

low. This big yellow has through the years been quite consistent with us and many of the fine large yellows seen at our farm have been of this variety.

Root **\$.60**

MARY TAYLOR. Str. C. 7-8 in. Golden buff with a pink tone. A midseason and profuse bloomer. Stems are excellent and flower is held well. Bushes are 4 ft., and vigorously branching.

Root \$.50

MARGARET. FD. 7-8 in. White with tips blushed pink when flower is young. Excellent stems. Bush 2½ ft. Root \$.75

MAHARADJA. F. FD. 8-10 in. Glossy dark chestnut red. Very vigorous bushes produce early and late in profusion. Stems are perfect.

Root \$2.00; Plant \$1.00

MAJESTAT. F. ID. 11-13x7 in. Maize yellow overlaid pink and deeper pink at tips. A massive flower well named. Stems are long. Bush is 4-5 ft., vigorous. One of the best out of Germany. Root \$5.00; Plant \$2.00

MARILYN DALE. SC. 11 in. Fuschia rose. General tone seems lavender. Stems are good and long. 5½ ft. bushes with heavy foliage, vigorous in growth. (1949).

Plant \$2.50

MAFFIE. SC. 11x6 in. Bright glowing red.
One of the largest reds with distinct shaggy formation. A very reliable variety. Bush 5½ ft., vigorous and open. A very popular red.
Root \$1.50; Plant \$.75

white. One of the most beautiful bi-colors we have seen.

Root \$1.30, Frank \$.75

in. Scarlet tipped bi-colors beautiful bi-colors Root \$1.00

MISS MYRTLE BEACH. Str. C. 10x7 in. Clear orange. This is our 1949 introduction and we believe it will prove to be a great dahlia. Bush 4 ft., free branching, open growth, perfect stems holding flowers facing up. From August on the bushes are not without plenty of fine flowers of extra good substance.

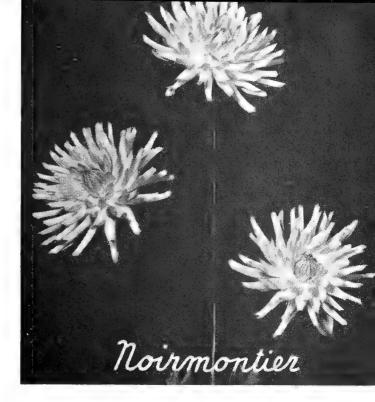
Root \$4.00; Plant \$2.00

MISS SAN DIEGO. Inc. C. 8x5 in. This cactus of pink with a centre tinted yellow is in a class of distinction. Especially for exhibition, it is outstanding. Bush is 2½ ft., broad and profuse with flowers from midseason.

Root \$1.25; Plant \$.50

MIA KONNERMAN. F. Str. C. 6-7 in. Gold overlaid rosy mauve. Fine stems hold flower facing and the vigorous 3 ft. bushes start blooming early and produce steadily all season. This variety is valuable as a florists' flower.

Root \$3.00; Plant \$1.50



MAGNETIC. (Dahliadel 1949). Str. C. 7x4 in. Primrose yellow. A brilliantly colored Dahlia from Australia. A superb cut flower of good form from early to late. Plant \$1.50

with purple tint. Can hardly be distinguished from Cherokee Brave, but is probably more vigorous in growth. 4 ft. bushes produce many fine flowers on fine stems from midseason on.

Root \$2.00; Plant \$.75

michigan orchid. FD. 10x5 in. Deep lavender. Best of the deep lavender, in that it produces early and late so many long stemmed perfect flowers. Bush is 5 ft., very vigorous and open habit.

Root \$2.00; Plant \$1.00 MICHIGAN WHITE. SC. 6-8 in. White. This has been our mainstay white florists' flower for many seasons. Bush is 5 ft., vigorous branching habit. Stems are good.

Root \$.50
MLLE. C. PAYEN. F. Str. C. 8-10 in. True lavender. This French Dahlia is of exceeding high quality. Has long stems. 3 ft. bushes produce from midseason many of the most beautiful flowers. This variety is outstanding for its fine soft coloring and its uniformity of type.

Plant \$2.00

MLLE. E. SAWYER. F. Str. C. 6-7 in. Rose pink. This is one of the best cactus dahlias we have seen. A great producer of fine bloom early and late. Bush is 4 ft., vigorous, all

flowers on fine long stems.

Root \$1.50; Plant \$.75

MOTHER BALLEGO. F. Str. C. Deep scarlet.
A great producer of fine cactus flowers on most excellent stems. Very useful for cutting.

Root \$.75; Plant \$.50

MOUNT OF BLESSINGS. Str. C. 8-10 in. Pastel yellow tinted lavender. The vigorous 5 ft. bushes literally cover themselves with fine flowers the latter half of the season.

Root \$1.50; Plant \$.50 MRS. ALBIN. FD. 6-7 in. Canary yellow. Big 5 ft. bushes bloom steadily midseason and late. This has been our best yellow florists' flower for many seasons. Most reliable.

Root \$.40

MRS. KLINE. ID. 10x5 in. Yellow. A most reliable big yellow. Early and free. Good in every way.

Root \$.75; Plant \$.50



have always listed this "Grab-Bag" and if you are not interested in names, it is a good buy as many letters received indicate. Large Flowered dahlias from our mixed bin, unlabeled. 12 roots for \$2.00 postpaid.

CUT FLOWER COLLECTION.

One root each of:

Mrs. Albin—yellow
D-Day—pink
Michigan White—white
Cherokee Rose—lavender
September—salmon
Anna Benedict—red
6 different dahlias labeled

6 different dahlias, labeled for \$2.75 postpaid.

SUNBURST

MRS. HESTER PAPE. ID. 10x5 in. Reddish purple. The fine big blooms are unfailingly produced on nice stems. The big bushes, 5 ft. high, are well branched. This has been a big winner in shows over the country.

Root \$2.00; Plant \$1.00

MRS. BOB JONES. F. FD. 11x5 in. Bright salmon. Excellent stems holding flowers of great beauty. Bush is 3 ft. Blooms early over a long season. Root \$3.00; Plant \$1.50

MRS. EDISON. ID. 10x5 in. Deep purple with light reverse. One of the best purples that responds well to special attention and feeding. Root \$.75

MRS HAMMERTON. F. Str. C. 10x5 in. A Brilliant lavender pink on fine long stems. Strong 4 ft. bushes are free branching and produce many fine flowers. Root \$1.00

NAGEL'S SENSATION. F. Str. C. 8-10 in. Salmon pink with lemon yellow centre. Plenty of long stemmed flowers. Bushes are 5-6 ft., very vigorous and produce the fine flowers freely over the entire season. Erect and open in growth. A fine cut-flower.

Root \$1.50; Plant \$.75

NAGEL'S ODORANT. F. Anemone. 6 in. Red, yellow cushion. This is really a fragrant dahlia having the odor of roses.

Root \$2.00; Plant \$1.00

NANCY ANN MITCHELL. Inc. C. Deep scarlet. One of the best of the Domestic cactus dahlias. Flowers on best of stems are freely produced by 3 ft. vigorous bushes. A good cut-flower. Root \$1.25; Plant \$.60

NEW IDEA. FD. 7-8 in. A new shade of golden salmon in a flower of great sub-

stance. 3 ft. bushes have good vigor.
Root \$.75

NIGHTINGALE. FD. 10-11x5 in. A fine big flower of rose magenta. Much admired in our field. Plant \$1.00

NORMA MORTON. ID. 10x5 in. Golden yellow. This is an unfailing producer of many fine flowers on good stems. Bush is 4 ft., vigorous and branching.

Root \$1.00; Plant \$.50
NOIRMOUTIER. F. Str. C. 6-7 in. Gold. Truly
this is a flower of pure gold. Very long stems.
Early and very free flowering over a long
season. A very valuable cut-flower. Bush is
5 ft., free branching habit.

Root \$2.00; Plant \$1.00 NEW LOOK. SC. 12x7 in. Empire yellow on long stems. Bush 4 ft., very vigorous. (1949).

Root \$4.00; Plant \$2.00

OAKLEIGH CHAMPION. Inc. C. 8-10 in. Orange blushed rose. This is one of the largest of the cactus. The finely formed flowers are freely produced on long stems. Bush is 5 ft., vigorous and open. Has won many awards.

Root \$2.00; Plant \$1.00

OAKLEIGH MONARCH. FD. Spectrum red.
One of the best red dahlias. For many years this dahlia has always done its stuff providing fine formal bloom every season. Early. 4 ft. bushes.

Root \$.75; Plant \$.50

OGDEN REID. ID. 10x5 in. A bright rose pink with gold shading. Bush is 4 ft., open branching habit. One of the most vigorous of the big pinks. Root \$2.00; Plant \$.75

ONE HUNDRED PERCENT. FD. 10x5 in. A deep rose pink that from midseason on almost covers itself with fine bloom. Bushes 4 ft.; good stems. Root \$1.50; Plant \$.75

ORANGE FLAME. FD. 6-7 in. Brightest orange scarlet. Flowers are on very long stems. 4 ft. bush is vigorous and openly branching. A good keeper.

Root \$1.50; Plant \$.75

- orange Nassau. F. Str. C. Golden buff with yellow glow at centre. Very free flowering on long stems. Bush 4 ft. and very vigorous in growth. Root \$1.50; Plant \$.75
- **PAMIERS.** F. ID. 7-8 in. A new color of red with distinct bluish tone. A most beautiful shade. In addition the vigorous 4 ft. bushes produce freely. The fine flowers are on good stems. One of the best out of France.

Plant **\$1.00**

PECKS' PINK. ID. 10-11 in. Lavender pink. A strong growing dahlia with 5 ft. bushes and a very free bloomer. The blooms are most perfect if grown in a rich soil.

Root \$.75

- **PHEBUS.** F. SC. 10x4 in. Lemon yellow. A fine big yellow from France. Unlike some of the large yellows this one seems of the best vigor. Bush 3½ ft. Plant \$1.00
- **PAM MARY JOYCE.** F. ID. 12x6 in. A giant exhibition golden yellow. 3 ft. bushes produce most perfect flowers on long stems.

 Root **\$1.00**
- **PINK GIANT.** F. ID. 10x5 in. Bright tyrian pink. Bush is 4 ft. Stems are long and erect. A strong and vigorous variety.

Root \$.75; Plant \$.50

- One of the best Australians. Bush is 3 ft. A good producer of well formed flowers on nice stems.

 Plant \$1.00
- **PURPLE TRIUMPH.** FD. 10x6 in. Royal purple. An early and steady bloomer on excellent stems which hold flowers well. Bush is $3\frac{1}{2}$ ft., vigorously branching. This is a most beautiful purple dahlia.

Root \$2.00; Plant \$1.00

- **QUEEN ELIZABETH.** F. ID. 11x6 in. This is a very large clear light yellow of good substance. Petals are crimped at outer edges give great distinctiveness. One of the best out of England. Plant \$2.00
- **RECHEM'S CANARY.** F. Inc. C. 6-7 in. Canary yellow, on excellent stems, of good substance. A nice cut-flower.

Root **\$1.50**; Plant **\$.75**

RED SEA. SC. 10-11x5 in. Spectrum red. This is one of the best red dahlias we have recently tried. Flowers on good stems, bushes are $3\frac{1}{2}$ ft. vigorous and branching habit.

Root \$2.00; Plant\$1.00

- A clean cut exhibition variety on good stems. A good keeper. Bush 3 ft., branching well.

 Root \$2.00; Plant \$1.00
- **REV. PUGH.** F. ID. 10x5 in. An Australian of unusual and brilliant coloring. Blood orange. 4 ft. bushes bloom early and continuously. Large flowers on good stems.

 Root \$1.50; Plant \$.75
- RICHELIEU. F. Str. C. 7-8 in. Cardinal red. An early and free blooming French variety. Bush 4 ft., vigorous and well branched. Flower held on good stems.

Root \$3.00; Plant \$1.50

RIVER JORDAN. FD. 10-11x5 in. Deep mauve purple. A very good big dahlia with the finest of stems and very vigorous.

Plant **\$2.00**

ROBERT WEHR. F. Str. C. 6-7 in. Reddish salmon. The 3 to 4 ft. bushes cover themselves with flowers. It comes into bloom early and continues till frost. Stems are good, and the flower is excellent for cutting.

Root \$2.00; Plant \$1.00

- reddish orange. This is one of those varieties that never fail to bloom well. Starts early and is going strong at frost. The big flowers are freely produced on fine stems. Bush is 5 ft., branching and vigorous. Plant \$-75
- **ROSEMARY DE CAMP.** SC. 10x5 in. Bright orange. A flower of good substance bourne on a long stem. Starts blooming in midseason and produces a lot of very fine flowers. Bush 4 ft., strong open growth.

Root \$1.50; Plant \$.75

RED VELVET. (Dahliadel 1949). SC. 10x6 in. Bush 4½ ft. A rich currant red with cardinal shadings and soft tyrian purple shadings on reverse. A rugged grower with erect stems growing well out of the foliage. A fine cut-flower with extra substance. Many fine blooms are produced at a time.

Plant \$2.50

- **SALLY KLEIN.** FD. 10x6 in. Golden pink. A fine deep flower held well on nice long stems. A wonderful producer of bloom. Bush is 5-6 ft., very vigorous and well branched. Plant **\$1.00**
- **SALMON QUEEN.** ID. 7 in. A bronzy salmon, useful for cutting and with good long stems. Root **\$.60**
- **SANTA CLAUS.** ID. 6-7 in. Scarlet gold and white. A tricolor. This attractive dahlia is an early and free bloomer. Dwarf bushes. Root **\$.75**; Plant **\$.50**
- satan's disciple. FD. 10x7 in. A brilliant big red. Bloom has great depth and held well above foliage on fine long stems. Bush 4 ft., heavy large leaves. Fine for exhibition. Root \$2.00; Plant \$1.00
- **SEPTEMBER.** ID. 8-9 in. Red-orange, pink blend giving a nice bronze effect. Has good substance. Good stems hold flowers above foliage. Bush is 5 ft. and vigorous.

Root \$1.00; Plant \$.50

SCHONE HELENA. F. Str. C. 8-9x4 in. A fine sulphur yellow with a pink blush. Very striking and unusual coloring. Stems are long. Bush growth is open and vigorous.

Plant **\$1.50**

- SCARLET BLAZE. FD. 8-9 in. Scarlet. In midseason and later the 3½ ft. bushes are well studded with fine well formed flowers on good stems. Plant \$.75
- ful silvery lavender that always produces well. Fine strong 4 ft. bushes. Good stem.

 Root \$.50
- very mauve. A big flower and a very reliable bloomer. Bush 3½ ft. and very vigorous. Root \$1.50; Plant \$.75
- **SKYROCKET.** SC. 10x7 in. Clear scarlet. This bloom is a fine thing and stands out in any garden. Bush 3 ft. The very deep flowers are on long stems. Root **\$1.50**; Plant **\$.75**
- **SHERWOOD'S PEACH.** ID. 12x7 in. A nice light bronze shade. The flowers have great depth and are best for exhibition. Bush is 3 ft., a little slow in growth. One of the biggest. Pays to plant this one early.

Root \$1.25; Plant \$.60



SON OF SATAN. Inc. C. 10x5 in. The brightest scarlet. The beautiful large blooms are outstanding in both garden and show.

Root \$1.50; Plant \$.75

SOUTHERN THOROBRED. SC. 11x7 in. Deep rosy lavender. A most prolific bloomer with long stems, flower facing. Bush is 5 ft. and very vigorous. Root \$1.50; Plant \$.75

SUNBURST. ID. 12x6 in. Golden yellow with tints of apricot. Is always a sensation at our farm. Bloom faces 45 degrees on cane like stems. Bush is $3\frac{1}{2}$ ft. and vigorous.

Root \$2.00; Plant \$.75

SUNGLO. Str. C. 6-7 in. Brilliant scarlet and gold. Very good stems. It has great substance and is produced well on vigorous 5 ft. bushes. Root **\$.75**

red with bronzy sheen. The well formed blooms are on fine stems. Bush 4 ft., broad, heavy foliage, with a vigorous and branching habit.

Root \$2.00; Plant \$1.00

SUSIE. ID. 6-7x4 in. A clear pink. Flowers are rapidly and freely produced over a long season. Dwarf bushes, yet open growth, sending up branches from low down. Plant **\$.50**

STELLAETTE. FD. 10x5 in. Deep velvety red on fine long stems. Bush 5½ ft. A very fine red and a vigorous variety.

Root \$1.50; Plant \$.75

THE CARDINAL. (1949). SC. 10x5 in. Bright cardinal red. Strong growing 5 ft. bushes producing many large flowers. Most excellent stems. Root \$5.00; Plant \$2.00

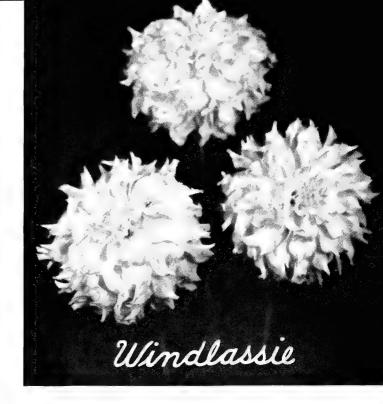
THE GOVERNOR. FD. 10x4 in. A bright sulphur yellow. One of the best shaped formals. Stems are good. Bush 3 ft. and vigorous. Root **\$1.00**; Plant **\$.50**

THE REAL GLORY. FD. 10x5 in. Pure glistening white. The 5-6 ft. free growing bushes produce many fine large flowers from midseason on.

Plant \$.60

TOP FLIGHT. SC. 10 in. Blood red. Beautifully formed flowers on long stems. Bush $4\frac{1}{2}$ ft. Root **\$.60**

TORERO. F. Str. C. 7-9 in. Spectrum red. In between the flower petals are numerous clear yellow petaloids giving a unique and pleasing effect. Stem, vigor and pose of flower are excellent. Bush 4 ft. Plant \$1.00



TRAJECTUM. F. Str. C. 6-7 in. A clear lilac shade. The well formed flowers are freely produced on vigorous 4 ft. bushes.

Root \$1.50; Plant \$.75

V-DAY. ID. 10x5 in. Bright deep rose. This fine dahlia starts blooming in midseason. The flowers multiply rapidly and later on the 4 ft. bushes are nearly covered with bloom.

Root \$1.25; Plant \$.60

VELVET KING. ID. 8-10x4½ in. Cardinal red. One of the most attractive reds. Flowers of great depth well produced on fine stems. Bush 4 ft. Root \$1.00; Plant \$.50

VICTORY DAY. F. Str. C. 7-8 in. A fine deep scarlet. One of the best of the European Dahlias. Flowers are of the best form, freely produced on long stems. Bushes are 4 ft., of strong healthy growth and with open branching habit. Plant \$2.00

virginia rute. SC. 11x5 in. Deep velvety red. An outstanding dahlia in every way. The 5 ft. bushes are strong in growth and hold flowers well above the foliage. Should be in every garden. Root \$.75; Plant \$.50

VISION. F. FD. 7-8 in. Rose pink shaded Mulberry. This is one of the very best from Germany. An early and free bloomer. The habit of growth, vigor, position of flower and stem are as nearly perfect as we have seen. Bush 4 ft. Root \$3.00; Plant \$1.50

VIVIANE COPPENS. F. Inc. C. 6 in. Apple blossom pink. A vigorously growing variety with 3 ft. bushes that produce many of the very beautiful flowers.

Root \$1.00; Plant \$.50

VOLCANO. FD. 10x6 in. Light orange flame. These big well formed flowers of great depth are best for exhibition. A good bloomer on fine stems. Root \$1.50: Plant \$.75

fine stems. Root \$1.50; Plant \$.75 VOORZITTER OUD. F. Str. C. 6-7 in. A deep pink of fine form and good substance. Bush 4 ft. Root \$1.25; Plant \$.60

WHITE CHRISTMAS. ID. 10x5 in. White. The pure glistening character of this flower makes it the most beautiful white. Flowers are of good depth and substance. Bush 4 ft.

Root \$1.00
WINDLASSIE. ID. 8x5 in. The clearest of
whites. Nearly ball shaped. A good bloomer;
4 ft. bushes. Root \$3.00; Plant \$1.00

- XANTIPPE. F. Str. C. 6-7 in. A deep lemon yellow that did especially well. Has good substance. The 5 ft. bushes bloom early and continuously. Root \$2.00; Plant \$1.00
- YELLOW SPECIAL. F. Str. C. 6-7 in. Canary yellow. The dwarf bushes are free branching and produce many flowers from midseason on. Plant **\$1.00**

MEDIUM CUT FLOWER DAHLIAS

4 to 6 inches in Diameter

- **AIMEE.** St. C. Ivory. $4\frac{1}{2}$ in. Excellent for cutting. Flowers facing on nice stems. Bush about 3 ft.

 Root \$ 75
- **ATOMIQUE.** F. Str. C. White, long stem. 4 ft. bush. We used this dahlia for cutting and found it of good substance.

Root \$1.25; Plant \$.60

AUREOOL. F. Str. C. Canary yellow. Very long stem. Bush 4-5 ft. Best of its color. A cut-flower extraordinary.

Root \$1.25; Plant \$.60

BURG MUELE BROCK. F. Str. C. Bronzy rose shaded mauve. Long stem. Great substance. Dwarf. Fine cut-flower.

Root \$1.25; Plant \$.60

- CAROLINA LASSIE. Inc. C. Lavender. Very long stems. Early and steady bloomer. The finest. A remarkable cut-flower. Bush about Root \$2.00; Plant \$1.00
- CHARMANT. F. Str. C. A dainty bluish pink. Dwarf grower. Plant **\$.60**
- **DIADEEM.** F. FD. White overlaid and lined bright pink. Bush 3 ft.

Root \$.75; Plant \$.50

- DORSET DAINTY. F. Str. C. Beautiful combination of pink and cream. Dwarf. Root \$1.50; Plant \$.75
- **ELODIE K.** Str. C. Bright pink, light centre, most beautiful. These fine flowers are steadily produced from July till frost. Root **\$.60**

FEERIE. F. Str. C. A nice rose pink. Well formed bloom, dwarf bush. Root **\$.75**

- FINESSE ANVERSOIS. F. Str. C. Sulphur
- yellow. Profuse. Dwarf. Finely formed. Root \$1.50; Plant \$.75
- FORISTS' BEAUUTY. FD. Red tpd. white. Bush 5 ft. A well known and admired bi-Root \$.50; Plant \$.40
- FRANK HODGETTS. F. SC. Mauve pink, yellow centre. 3 ft. bushes. Greatly admired at the dahlia show. Root \$.75

- HONOLULU. F. SC. Gold striped crimson to clear crimson. Bush 3 ft. The brilliant flowers are produced from July till frost. Bush 3 ft. Root \$1.00; Plant \$.50
- IVOIRE. F. ID. Creamy white. Very profuse. Dwarf. This was imported from France and Root \$1.50; Plant **\$.75** is one of the best.
- KASKADE. F. SC. A very fine deep lilac. This unusually good dahlia produced steadly over a long season. Root \$1.50; Plant \$.75
- L. C. K. Str. C. Pure gold. Good stems and free. A very fine cut-flower. Bush is 3 ft. with long blooming season.

Root \$.75; Plant \$.40

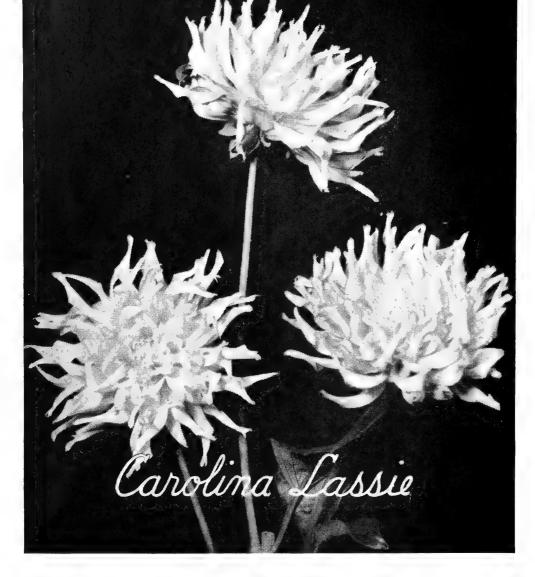
- LOMBAERTS' ALBINO. F. SC. white. This is one of the new foreign white cactus we will use for cutting. Plant **\$1.00**
- MLLE. MAURICE. F. Str. C. Rose pink. Thickly petaled. Fine stems. Extremely free flowering, early and late. This is a high quality variety from France.

Root \$2.00; Plant \$1.00

- MYALL PASTEL. F. SC. Soft gold heavily tinted pink. Of fine form. Bush about 3 ft. Root \$.75
- NORMA JEAN. Str. C. Pink, yellow centre. Root \$.75; Plant \$.50
- SAINTE CECILE. F. Str. C. A fine white. Profuse and well stemmed. Dwarf. Another good French Dahlia. Plant **\$1.00**
- SOUVENIR MADAM J. LANVIN. F. SC. Lavender pink with lighter centre. This was sensationally beautiful and profuse over a long season. Blooms develope and grow after cutting. The best from France.
 Root \$3.00; Plant \$1.50

TORCH. F. Str. C. A brilliant golden scarlet. A striking color. Early and dwarf grower. A most brilliantly colored cut-flower.

Plant **\$1.00**



CACTUS DAHLIA COLLECTION: FINE FOR CUTTING. One root each of:

Viviane Coppens—pink
Robert Wehr—salmon
Carolina Lassie—lavender
Atomique—white
Ardens—red
Clara Hook—yellow

6 different Cactus dahlias labeled for \$3.50 postpaid

HIGHEST RATED COLLECTION OF CACTUS DAHLIAS, fine cut flowers. 1 plant each of:

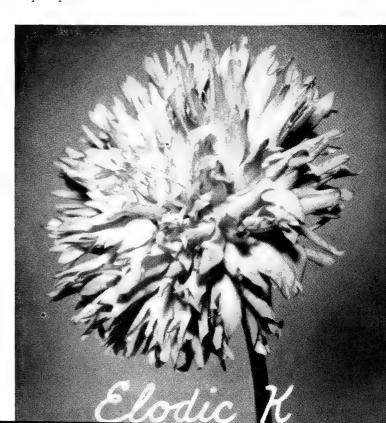
Allegresse—yellow Ardens—red Carol Frances—lavender Lucretia—orange Mlle. Sawyer—pink Robert Wehr—red salmon

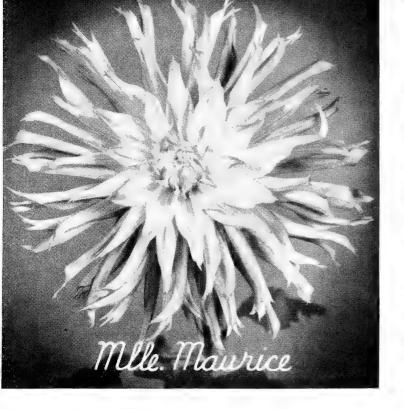
6 different highest rated cactus dahlias, labeled for **\$4.25** postpaid

GIANT DAHLIA COLLECTION. 1 root or

plant (our choice) each of:
Alcazar—red
Five Star General—pink
Southern Thorobred—lavender
Sherwood Peach—bronze
Bess Smith—white
Sunburst—yellow

6 different giant dahlias labeled for \$3.60 postpaid







BALL SHAPED DAHLIAS

BLACK BALL. Quilled. 5 in. Dark red.

Root **\$.60**

CHIEF KOKOMO. FD. 4 in. Mulberry. Fine cut-flower. Root \$.75; Plant \$.50

FRANCES ARCHER. Quilled. 6 in. Pure lavender. Bush 4-5 ft. A most beautiful flower. Root \$1.50; Plant \$.75

MARSHALL KERNOCHAN. FD. 5 in. Medium red. A most useful cut-flower. Very free. Bush 5-6 ft. Root \$.75; Plant \$.50

MARY CHURCHILL. F. Really a new type. 4 in. All cushion anemone. Spectrum red finely tipped gold and the best of keepers when cut. Root \$1.25; Plant \$.60

RONDKOP. F. Quilled. 4 in. Gold tipped Mauve. A fine show. We cut bloom of this fine Dahlia from July till frost.

Root \$1.50; Plant \$.75

POM PON DAHLIAS

Diameter 2 in. or less.

A. PROPOS. F. Small lemon yellow

Plant **\$.60**

HELOIS. F. Small maroon. Excellent for exhibition. Plant **\$.60**

MRS. TELFER. Small white, long stem. Fine for exhibition. Plant \$.40

PICK UP. F. 2-21/2 in. Canary yellow.

Plant **\$.60**

RHONDA. F. Fine lilac. Most perfect, and unsurpassed for exhibition. Plant \$.60

Quantity Discount on Dahlia Roots, Pot-Roots, Plants and Rooted Cuttings 3 or more of one variety, less 15%

MINIATURE DAHLIAS

Diameter under 4 inches.

These are most excellent cut-flowers, and most of them have dwarf bushes.

ANDRIES BONUM. F. SC. Purple. Midseason. One of the best. Root \$1.25; Plant \$.60

ANDRIES ORANGE. F. SC. Bright orange. Well known as one of the finest. Root \$.40

ANDRIES PINK. F. FD. A bright rose pink, a very beautiful and useful flower.

Root \$1.00; Plant \$.50

BO BO. FD. Gold tpd. red. Early. Fine long stem. Bush 4 ft. and the finely shaped flowers are freely produced. Root **\$.75**

BRONSE ELSIE. F. FD. Bright gold. Flower on top. Root \$.60

BUCKEYE BABY. FD. Tan orange. Old and reliable. Root \$.40

BUDDY. FD. Dark red. Plant \$.40

CHEERIO. F. SC. Cherry red tipped white. Uniform coloring. The best bi-color we have seen. Root \$1.50; Plant \$.75

DELAWARE ROYAL. F. SC. Lovely lilac. Bush 3 ft. It was greatly admired Root \$1.25; Plant \$.60

FAIRY. FD. 3-4 in. Golden pink. Bush 3-4 ft.

Root \$.40

FUSCHIA GEM. SC. Bright mauve. A beauty.

Root \$.75

ft. FD. ID. Long stem. Dark red. Bush 5
Root \$.40

down centre. Very dwarf. This is one of the most popular miniatures.

Root \$.75; Plant \$.50 MARJOLYN. F. FD. Brightest rose pink.

Root \$.75; Plant \$.50 MICHELLE. FD. Mauve pink. Root \$.60

MICKEY. FD. Soft rose pink.

Root \$1.00; Plant \$.50

MIRABILIS. F. Str. C. Buff. Fine form. Bush 3 ft. Very early. Root \$2.00; Plant \$1.00

MYALL BRONZE. F. ID. Gold tinted bronze. An early and steady bloomer. Bush 3-4 ft. One of the best out of Australia.

Root \$.75; Plant \$.50

NELLIE SHEE. FD. Pure lavender. 4 ft. Root .\$75; Plant \$.50

OLD GOLD. FD. Gold tinted scarlet. Bush 3-4 ft. This is one of the few dahlias the florists ask for by name.

Root \$.75; Plant \$.50

PRINCESS LOUISE DE SUEDE. F. ID.-SC. Bright orange tpd. white.

Root \$2.00; Plant \$1.00

RED ROONEY. F. ID. Deep scarlet. Very fine. Root \$1.25; Plant \$.60

ROMANCE. F. SC. Fine salmon pink. Long stems. An extraordinary cut-flower of the greatest beauty. Very free.

Root \$1.00; Plant \$.50

SABINE. F. Inc. C. Rosy bronze. Most beautiful. Bush 4 ft. This is early, free and one of the very best miniatures.

Root \$1.25; Plant \$.50

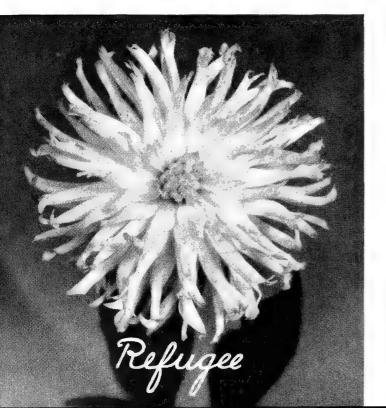
SNOW BABY. FD. White.

Root \$1.00; Plant \$.50

WHITE FAUN. FD. White. The vigorous bushes produce steadily over a long season and the bloom is much sought after by florists.

Root \$.40

DAHLIAS that when cut half open, have developed and grown in the vase: Allegresse, Queen City, Royal City, Golden City, Yellow Prolific, Pink Bounty, Souvenir Mad. J. Lanvin, Andries Orange and Aureool.







One of our fields on October 20, 1949, after three-quarters of the mums had been removed. Dahlias in right background.

DIRECTIONS FOR GROWING AND CULTIVATION OF THE DAHLIA

TIME—The proper time to plant dahlias for best results is May 15th. For exhibition, we advise June 1st to 10th in the Ohio Valley. You have until July 1st for good results.

PREPARING SOIL AND PLANTING. Dahlias are not fussy about soil, providing it is deeply cultivated, well drained and has plenty of humus. They also need full sun to produce good flowers. Drive 5 ft. stakes 3 ft. apart. At each stake mix in one handful of bone meal or any well recommended fertilizer. Place root in a horizontal position 4 to 6 inches deep. You may now fill in level over root or leave a slight depression which may be filled in as the dahlia plant grows.

PLANTING OF GREEN PLANTS. Soak in shallow water for a few minutes in order to freshen plant after its journey through the mail. Plant the roots of the plant about four inches deep leaving a slight depression to be filled in as plant grows. If there is hot sun the day you plant, it would be advisable to cover with baskets of some kind. Water well.

CULTIVATION—WATERING. Keep the soil well cultivated throughout the season. After August 15th do not cultivate deeply or too close to the plant, as the feeder roots are coming to

the surface. Unless weather is very dry, dahlias will need little watering until buds appear. From then on, one heavy soaking a week unless there is plenty of rain.

INSECTS. Control of insects is important. DDT has helped greatly in overcoming these pests. Dust once a week in the evening when air is still with 2% to 5% DDT. We have found that DDT takes care of the sucking and chewing insects that are so harmful to the Dahlia. If red spider shows up, we suggest washing the underside leaves of the plant with a strong spray of cold water. Parathion is the answer to control of red spider, but as yet it is not in general use.

DISBUDDING. To get the best flowers on long stems, it is advisable to disbud. You can pinch out the tops of dahlia plants after the third set of leaves appear, or you can wait for the crown bud to appear. Pinch two of the smaller buds from this crown bud. Likewise pinch side laterals two joints from the top bud. If the former method of pinching center of plant is used, you may disbud each of the four laterals which will appear. Leaving top main center bud on each lateral, pinching all others two joints down.

HARDY CHRYSANTHEMUMS New For 1950

The Flower that beautifies the garden when other flowers are gone.

MEDITATION. Fully double, 3 in. A firm two toned flower of soft light jasper red and maize yellow with orange reverse. Oct. 6.

Each \$.75; 3 for \$2.00

APRICOT SPOON. A pleasingly different frost-resistant spoon with tubes of apricot-bronze and spoons of apricot-rose. Sept. 19. Each \$.75; 3 for \$2.00

PEACH SPOON. Lively peach-colored spoons with Chinese-yellow tubes, aging to pinkish peach. A very large flower, outstandingly different. Oct. 8. Each \$1.00; 3 for \$2.65

REMEMBRANCE. This is a deep ruby-carmine color that is retained for the life of the flower. In our estimation it is the finest red produced to date. Sept. 27.

\$.75 each; 3 for \$2.00

REDGLOW. A dark glowing red pompon.

Very free bloomer and very fine cut-flower.

Sept. 20.

\$.75 each; 3 for \$2.00

\$.75 each; 3 for \$2.00

KATHLEEN LEHMAN. This is a bright orange gold deepening to red gold at center. This is really fine, you should grow it. Sept. 28.

\$.75 each; 3 for \$2.00

ALERT. An exceptionally fine large, early, dark purple. We think this is very fine. Sept. 20. \$.75 each 3 for \$2.00

ORCHID HELEN. A sturdy orchid-pink of unusual beauty. Very fine. Sept. 10.
\$.65 each; 3 for \$1.50

white bounty. A small white pompon with sulfur yellow center. Tall, but much branched, slightly spreading growth. Sept. 6.

\$.50 each; 3 for \$1.20 PATRICIA LEHMAN. A sparkling geranium-pink with peach center. Recurved and twisted petals give fluffy feathery effect. Good strong grower. Sept. 28. \$.75 each; 3 for \$2.00

GLADNESS. Fully double, clear china-rose. Dwarf growing. Very free flowering, one of the first to bloom. Aug. 28.

\$.50 each; 3 for \$1.20

LORENZO. A rich, flaming dark Dianthuspurple. Quilled petals give cactus dahlia appearance. Sept. 15. **\$.75** each; 3 for **\$2.00**

SHALIMAR. Cream white with sulphur yellow centre. Holds color very late. Sept. 17.

\$.50 each; 3 for **\$1.20**

- shooting star. Opens pinkish mallow-purple, lightening to pale rose-pink as flower matures. Maize tips give a quaint quill effect to petals. Sept. 12. \$.50 each; 3 for \$1.20
- **TAPESTRY.** Another new shade, or shades, brought into large garden mums. Opening a gleaming rich pink, gently softening to a final lovely ashes-of-roses, with golden flush in centers. Always gorgeous, flower at least 3 in. across, perfectly full double. Stocky 2 ft. plant, in full bloom Sept. Each **\$.75**, 3 for **\$2.00**.
- QUILLED CUSHION. Oriental red aging to bright bronze. This is an excellent cushion plant. Sept. 30.
 \$.50 each; 3 for \$1.20
- white sport of real value. Lovely pearly white, 3 inch blooms on large spreading plants. As with Lavender Lady, very vigorous and good for cutting and exhibition. Sept. 30. Plant \$1.00 each; 3 for \$2.65
- MASQUERADE. Trim and compact, a much hardier hybrid of the old favorite "Jewel." Upright sturdy plants loaded with neat one inch balls of silvery rose with darker centers. Oct. 10th. Plant \$.75 each; 3 for \$2.00

Large Decorative Chrysanthemums

PRICES for well grown Chrysanthemum plants are the same for all varieties listed Plants \$.40 each; 3 of one variety for \$1.00

DESCRIPTION OF HARDY CHRYSANTHEMUM VARIETIES D—double; S. D.—Semi Double., Eng.—English

- APPLE BLOSSOM PINK. D. Large soft apple blossom pink. Free flowering. Oct. 10.
- **AUTUMN SONG.** D. 3 in. Large wine-rose shading to carmine. A new color. Oct. 1.
- **AVALANCHE.** D. 3 in. One of the best large creamy whites. Excellent for cutting. Sept. 4.
- **BETTY.** SD. 3 in. Splendid up-right rosepink. Large wide petal flowers. Sept. 28.
- **BOKHARA.** D. 2½ in. Captivating soft crimson and wine flowers. A very pleasing color. Strong sturdy growth. Oct. 10.
- **BONFIRE.** D. 2 in. A profusion of reddish burnt-orange blooms. Very frost resistant. Oct. 2.
- **BURMA.** D. 3 in. Glistening bronze with soft orange tints. Sept. 26.
- **CARNIVAL.** D. 3 in. A large, gleaming burnt orange. Oct. 10.
- CHAS. NYE. D. 3 in. The easiest yellow to sell in our fields. Clusters of large fully double flowers of buttercup yellow. Sept. 28.
- double flowers of buttercup yellow. Sept. 28. **CHINA GOLD.** D. English. 3 in. Bright pure gold with quilled petals. Oct. 12.

- **CHRIS COLUMBUS.** D. 3 in. A new outstanding ivory white. A very heavy grower and good cut-flower. Sept. 28.
- **CLIFF RUNYAN.** D. 3 in. A different color. Light orange gold. Flowers last longer than usual. Oct. 10.
- **COURAGEOUS.** D. 3 in. Our best red this past season. Dark ruby red flowers on very dark foliage. Sept. 26.
- **DAWN ROSE.** D. 3 in. Grenadine pink on salmon. Free growth. Upright full flowered branches. The best of the pastel colors. Oct. 5.
- **DEFIANCE.** D. 2½ in. A very double flower of intense golden yellow with twilled petals. Flowers are of exceptionally good substance. Sept. 17.
- **ERMINE.** D. 3 in. Fully double wide petaled pure white with cream centre. Tall sturdy plant. Oct. 1.
- **EUGENE WANDER.** D. 4 in. Largest and finest early bright yellow. Aug. 25.



HEATHERBLOOM. D. 2½ in. Heather pink, centre shaded rose red with gold tippings. Outstandingly good. Sept. 22.

HEARTHFIRE. D. 3 in. Bright red showing small yellow center when fully open. Good cut flower, Sept. 20.

HUNTSMAN. D. 3 in. Brilliant scarlet orange overcast walnut bronze. Oct. 10.

INDIANA. D. English. 3 in. Rich velvety crimson with darker center. Sept. 25.

GOLD STANDARD. D. English. 4 in. Very large incurved flowers of golden yellow. Tall upright plants. Oct. 1.

LAVENDER LADY. D. 3½ in. Silvery lavvender. A very rank grower. The favorite lavender. Oct. 6.

MRS. DUPONT. D. 2¼ in. Peach pink tinted rosy salmon bronze. A favorite. Oct. 5.

OLD COPPER. D. 3 in. A rounded golden yellow showing copper shadings at centre. Good cut flower. Oct. 15.

OLIVE LONGLAND. D. 3 in. Apricot Toned salmon pink. A good pastel color. Sept. 26.

PINK ABUNDANCE. SD. 3 in. A lavender pink. Large spreading bushes full of flowers. Oct. 5.

PINK RADIANCE. D. 2½ in. A profusion of shell pink flowers on strong plants. Sept. 24.

RED VELVET. D. 2½ in. A fine velvety crimson. This one has been the leading red of long standing. Oct. 2.

REVELLOR. S. D. English. 3 in. Brilliant orange flowers showing yellow centres. A few flowers being fully double. Oct. 1.

SPELLBOUND. D. 3 in. A glistening lavender pink. A profusion of blooms. Oct. 1.

TIFFANY ROSE. S. D. 3 in. A bright deep rose. Very outstanding. Sept. 30.

TIGER. D. 3¼ in. Bright crimson on opening, changing to bronze and then to yellow. Mixed colors on the same plant. Sept. 28.

WINTERSET. D. 4 in. We believe this to be the best white. Large flowers soon loose their cream centres becoming large shaggy snow white blooms. Oct. 2.

WYCHWOOD. D. 3 in. Large firm canary yellow on long stems. Very good and fine cut-flowers. Sept. 12.

YELLOW AVALANCHE. D. 3 in. A sport of Avalanche. Large soft yellow shaggy flowers. Good for cutting. Sept. 4.

Pompons and Cushions

EARLY JOAN ANN HELEN. S. D. 2½ in. A low growing cushion. Sparkling garnet shading to purple; bright yellow centre. Sept. 30.

HONEY COMB. D. 1 in. Cushion type pompon. Intense golden yellow. Sept. 25.

ORCHID JEWELL. D. 1 in. Thick clusters of orchid lavender pompons. Good cut flower. Sept. 25.

PINK PRINCESS. D. 1 in. Deep pink pompon showing bronze shadings at centre of flowers. Sept. 20.

ROSE MOUND. D. 2 in. Deep bright pink mass of flowers. Plant makes large heavy foliage. This is a fine cushion. Oct. 20.

TINTS OF FALL. D. 1¼ in. Brilliant fall colors. Orange yellow and red blends. A very low growing cushion. Sept. 25.

YELLOW BLANKET. D. 1 in. A very free flowering mum with lovely clear yellow button flowers. Name describes it perfectly. Good cut flower. Oct. 10.

Spoons

IVORY SPOON. D. 2½ in. Dainty, ivory white, spoon shaped petals. Flowers in profusion. Oct. 5.

ORCHID SPOON. S. D. 2½ in. Lovely orchid pink. Free flowering. Oct. 6.

YELLOW SPOON. S. D. 2½ in. Very fine bright clear golden yellow. The most outstanding of the spoon varieties. Oct. 8.

GREENHOUSE CHRYSANTHEMUMS

Large flowered 4" to 5" in diameter. We list 8 of the earlier varieties that do best in outdoor conditions. These Greenhouse varieties are not hardy and will need winter protection.

Blazing Gold—buttercup yellow

Celestra—lemon yellow

Lndianapolis Pink—pink

Indianapolis Yellow—yellow

Indianapolis Bronze—bronze

Indianola—redish bronze

Silver Sheen-white

Indianapolis White—white

Plant **\$.35** each; 3 for **\$1.00** 1 each of the 8 varieties for **\$2.25**

SPECIAL OFFER A DWARF VARIETIES OF HARDY CHRYSANTHEMUMS

Rosemound—pink
Yellow Blanket—yellow
Eugene Wander—deep yellow
Tints of Fall—bronze
Early Joan Helen—violet red
Lavender Cushion—lavender
1 plant each of above 6 varieties for \$2.25

SPECIAL OFFER B MEDIUM HEIGHT HARDY CHRYSANTHEMUMS

Avalanche—white Charles Nye-buttercup yellow Carnival—orange red Courageous—ruby red Chris Columbus—white Yellow Avalanche—pale yellow Heatherbloom—pink Lavender Lady—lavender Betty—pink Cliff Runyan-orange Tiffany Rose—rose Dawn Rose—salmon 1 each of above 12 varieties for \$4.50

SPECIAL OFFER C TALL VARIETIES OF HARDY CHRYSANTHEMUMS HAVING LARGE FLOWERS

Symphony—pink Gold Standard-yellow Ermine—white, yellow centre Winterset—white Defiance—pale yellow Huntsman-red 1 plant each of above 6 varieties for \$2.25 24 labeled plants—1 each of offer A-B-C for \$7.75

MUM ROOTED CUTTINGS are well rooted in sand. They have not been grown into the larger, huskier plants. However they stand shipment well and may be planted upon arrival. Water well at planting. Rooted cuttings of all mums except new varieties are priced only in lots of 3 or more of each variety. 3 of one variety for \$.90

PLANT MUMS. May 15th to June 15th. Plant in rows, beds or in borders about 18 inches apart. They require very little care. A handful of bonemeal or well recommended fertilizer to each plant mixed well with the soil at planting time; then again on top, raked in, at budding time.

They will produce a beautiful display of flowers over a satisfactory period of weeks during the early or late Autumn. For still greater pro-fusion of bloom, pinch out the tender tip of each plant in June; again pinch out about the 15th of July, this time several or many tender tips. Most of the large varieties, can by disbudding, be made to produce much more beautiful and much larger flowers, some as large as four to five inches.

WINTERING OF MUMS

Most successful hardy mum growers do not cover the plants during the winter. A cold winter with snow and no thawing would be ideal for hardy mums. In the Ohio Valley and most of the middle west however there are many mild, wet spells during winter. This kind of weather is tough on mums.

If you cover in winter be sure to use very coarse material which will not hold moisture or shut off air. Leaves and straw should not be

In the SPRING as soon as green growth is observed dig up the mum clumps and separate each heavy root from the clump, planting it by itself where you want it to bloom. This will help you to get a broader, more compact and not too tall bush.

If you have a cold frame, it is best to dig those mums in the fall that you wish to divide and keep them under glass. This is sometimes important with English mums.

HOW TO GROW DAHLIA SEEDLINGS

It is fascinating to plant Dahlia seed, watch the seedlings develope and bloom the first season. You may get almost any color or shape from these seedlings. Anything is possible: Blooms 12 to 14 inches across or miniatures in all types or even tiny pompons.

About April 15th prepare a rich soil $\frac{1}{3}$ sand, $\frac{1}{3}$ humus, $\frac{1}{3}$ garden soil with a handful of fertilizer to each bushel. Screen out all lumps. Plant seed in a flat, cold frame, hot bed or box of dirt. Barely cover seed. Water with a fine spray. Do not allow soil to dry before seed sprout. Cover on cold days.

When seedlings show second set of leaves transplant to $2\frac{1}{4}$ or 3 in. pots or set two to three inches apart in boxes or flats. They must have plenty of sunlight. Transplant into garden when all danger of frost is past, 1½ to 2 feet apart; water well.

The percentage of desirable seedlings varies with different seasons. In some years as many as one-half may show fully double flowers. Seedlings usually make a good clump of roots. Dig and save the best ones for dividing and planting next spring. Should you have a fine new variety you might want to get in touch with a commercial grower and have him introduce it for you in its third or fourth year. There is always a chance that you might hit the Jack Pot with a new shade of color or a new type. Plant standard varieties with your seedlings for comparison.

OHIO GROWN DAHLIA SEED

100	seeds, r	nixed	large flowered	84.00	net
100	seeds, n	nixed	miniature	3.50	net
1000	seeds, r	nixed	large flowered	35.00	net
25	seeds, n	named	parentage, large flowered	1.50	net
25	seeds, n	nixed	large flowered	1.25	net
25	seeds, r	nixed	miniature	1.00	net
25	seeds, n	named	parentage, miniature	1.25	net

GUARANTEE

We guarantee all dahlia stock to be healthy and true to name. If through failure to start, or damaged in mail, we will replace immediately if notified promptly. Give the plants time to get started. The Golden Rule works both ways.

SHIPMENTS

Plants and rooted cuttings will be shipped from April 15th to July 15th. Add 25c for special handling on all plants or rooted cuttings. If special delivery is desired add 35c. We pay the regular postage on all orders of \$2.00 or more. If you order less than \$2.00, add 25c for postage. Include 3% sales tax if you reside in Ohio on all plants and rooted cutting orders. Roots are exempt.

HOW TO ORDER

It is very important to *order early*. This will help us in reserving the stock for you. If we are out of certain varieties we will write you, unless you have advised us that substitutions will be permited. On late orders please give SECOND CHOICE.

SEND CASH WITH ORDER. Make checks or money orders payable to Golden Rule Dahlia Farm. Send cash by registered mail.

Golden Rule Dahlias in 1929